

IN THE CLAIMS:

1. (Twice Amended) A method for manufacturing a network device comprising the steps of:

obtaining a network device control software program;

obtaining a downloadable unit configured to communicate with the network device control software program for later transmission over a network to a remote client to enable the remote client [to enable the remote client] to remotely configure the network device,

the downloadable unit [comprising] including

a communicator component for establishing a communications channel between the remote client and the software program,

an interface component for enabling a user to communicate with the downloadable unit, and

a configuration component for managing and configuring the remote device or the software program;

compiling the software program into a binary file;

embedding the downloadable unit into the binary file; and

loading the binary file with the embedded downloadable unit onto the network device.

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1 13. (Thrice Amended) A system for managing a network device from a remote client,
2 comprising:
3 a binary file of a network device control software program stored in the network
4 device;
5 a downloadable unit embedded in the [software program] binary file, for
6 managing the network device[;],
7 the downloadable unit including[:]
8 a communicator component for establishing a communications channel
9 between the remote client and the software program[;],
10 an interface component for enabling a user to communicate with the
11 downloadable unit[;], and
12 a configuration component for managing and configuring the remote device or
13 the software program; and
14 a web server for communicating with the remote client and for transmitting the
15 embedded downloadable unit to the remote client.

27. (Twice Amended) A system for manufacturing a network device, comprising:
means for obtaining a network device control software program;
means for obtaining a downloadable unit configured to communicate with the
network device control software program for later transmission over a network
to a remote client [to enable the remote client] to enable the remote client to
remotely configure the network device,
the downloadable unit [comprising] including
a communicator component for establishing a communications channel
between the remote client and the software program,
an interface component for enabling a user to communicate with the
downloadable unit, and
a configuration component for managing and configuring the remote device or
the software program;
means for compiling the software program into a binary file;
means for embedding the downloadable unit into the binary file; and
means for loading the binary file with the embedded downloadable unit onto a
network device.

40. (Twice Amended) A method comprising the steps of:
receiving from a remote client a request to manage a network device control
software program having a binary file [from a remote client];
locating a downloadable unit which corresponds to the request and is embedded in
the binary file;
extracting the downloadable unit from the binary file; and
forwarding the downloadable unit to the remote client.

sub-E13 41. (Once Amended) A system comprising:

2 means for receiving from a remote client a request to manage a network device
3 control software program having a binary file [from a remote client];
4 means for locating a downloadable unit corresponding to the request embedded in
5 the binary file;
6 means for extracting the downloadable unit from the binary file; and
7 means for forwarding the downloadable unit to the remote client.

sub-E14 42. (Twice Amended) A computer-storage medium storing program code for causing
2 a computer to perform the steps of:

3 receiving from a remote client a request to manage a network device control
4 software program having a binary file [from a remote client];
5 locating a downloadable unit which corresponds to the request and is embedded in
6 the binary file;
7 extracting the downloadable unit from the binary file; and
8 forwarding the downloadable unit to the remote client.

1 43. (Twice Amended) A system comprising:

2
3 a web server for receiving from a remote client a request to manage a network
4 device control software program which has a binary file with an embedded
downloadable unit for performing the request,

5 the downloadable unit [comprising] including

6 a communicator component for establishing a communications channel
7 between the remote client and the software program,

8 an interface component for enabling a user to communicate with the
9 downloadable unit, and

10 a configuration component for managing and configuring the remote device or
11 the software program;

12 an extractor coupled to the web server for extracting the downloadable unit from
13 the binary file; and

14 a communicator coupled to the extractor for forwarding the downloadable unit to
15 the remote client.

sub 28 44. (Thrice Amended) A method for modifying available remote device management services, comprising the steps of:

3 obtaining a new downloadable unit for performing a new service[;], the new

4 downloadable unit [comprising] including

5 a communicator component for establishing a communications channel

6 between the remote client and [the] a network device control software

7 program,

8 an interface component for enabling a user to communicate with the

9 downloadable unit, and

10 a configuration component for managing and configuring the remote device or

11 the software program;

12 retrieving [a] the network device control software program binary file having an

13 embedded old downloadable unit for performing an old service from a

14 network device;

15 substituting the old downloadable unit for the new downloadable unit; and

16 loading the network device control software program binary file having the new

17 downloadable unit onto the network device.